

Abstract

The present invention is directed to a method and apparatus for providing variable output drive capability to an output driver. One aspect of the present invention is related to a pre-driver or the like which provides variable output drive capability. The pre-driver is comprised of two paths each divided into output stages. A signal is generated in response to determining the relative strength of the n-channel and p-channel transistors in a subsequent output amplifier. The signal is used to enable certain of the pre-driver output stages in each output path. Another aspect of the present invention is related to a method of correcting output skews in a subsequent amplification stage. Other aspects of the present invention relate to a portion of a data path, a memory device, and a computer system all having a pre-driver with pre-driver output transistors responsive to signals indicative of the strength of output drive transistors.